



Form	PTC)-1449 Modified	Docket No. ABDT-0580	Application No. 10/663,089					
(Use se	Cited veral	nt and Publications by Applicant sheets if necessary)	Applicant Thottathil V. Oommen, et al.						
U.S. Department of Commerce Patent and Trademark Office			Filing Date September 15, 2003	Group Not Yet Assigned					
· O	THE	R DOCUMENTS (Includ	ing Author, Title, Date, l	Pertinent Pages, Etc.)					
Pal	1	Brochure, "SUSTANE FOOD-GRADE ANTIOXIDANTS" UOP, Foo Products and Processes, 1994.Brochure, "SUSTANE FOOD-GRADE ANTIOXIDANTS" UOP, Food Products and Processes, 1994							
2kd	2	Sundin et al., "Fluid Cho Symposium on Electrical	Sundin et al., "Fluid Choices in Retrofilling PCB Transformers," IEEE International Symposium on Electrical Insulation, June 7-10, 1992						
SAA	3	Keshavamurthy et al., "R	Keshavamurthy et al., "Rape Seed Oil Derivative As A New Capacitor Impregnant," IEEE International Symposium on Elrical Insulation, June 5-8, 1994						
- PM	4	CIBA, [Additives Division, Ciba-Geigy Corporation, Tarrytown, NY] Product Information, DATA NOTES, Issue No. 12, Revised March 1996							
PA	5	CIBA,[Additives Division, Ciba-Geigy Corporation, Tarrytown, NY] Product Information, DATA NOTES , Issue No. 9, Revised March 1996							
DA'	6	CIBA, [Additives Division, Ciba-Geigy Corporation, Tarrytown, NY] Product Information, DATA NOTES, Issue No. 6, August 1982							
A.	7	CIBA,[Additives Division, Ciba-Geigy Corporation, Tarrytown, NY] Product Information, DATA NOTES , Issue No. 3, October, 1981 CIBA,[Additives Division, Ciba-Geigy Corporation, Tarrytown, NY] Product Information, DATA NOTES , Issue No. 3, October, 1981							
PA	8	Marinho, A., Jr., et al., "C Section 5, 55-06, 5 pages	Castor oil as an insulating l	iquid," Cigre Symposium, 1987,					
PS	9	Moumine, I., et al., "Vege International Conference,	etable oil as an impregnant	in HV AC capacitors," IEEE, 5 th					
Pall	10	Sundin, D., "The service l <i>IEEE</i> , International Symp	nistory of ester-based fluid osium, 1990, 31-34	ls used in railway transformers,"					
* #	11	Annual Book of ASTM S Materials, 100 Barr Harbo	tandards, Vol. 5 and 10. A	merican Society for Testing					
EXAMINER	K	Le Chan L	DATE CONS	IDERED 9/9/04					
* A conv of thi	s refe	rence will not be forwarded	to the HC Detect - 17	1 2 22 1					

* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office because it is believed to be too voluminous and easily obtainable by the Examiner

© 2003 WW



Form	PTO	-1449 Modified	Docket No. ABDT-0580	Application No. 10/663,089				
	Cited b	t and Publications by Applicant sheets if necessary)	Applicant Thottathil V. Oommen, et al.					
		nent of Commerce Frademark Office	Filing Date September 15, 2003	Group Not Yet Assigned				
O	THE	R DOCUMENTS (Includ	ling Author, Title, Date,	Pertinent Pages, Etc.)				
* 77	12	Bailey's Industrial Oil ar Sons	nd Fat Products, Vols. 1, 2	2 & 3, 4 th Ed., 1979, John Wiley &				
* 74	13			and oils," AOCC Press, 1992				
Zal	14	Nishikawa, S., et al., "Electric insulating oils," Jpn. Kokai Tokkyo Koho JP 61,156,604 [86,156,604], July 16, 1986, Appl. No. 84/279,047, December 27, 1984, Chemical Abstracts 105: 175723b, November 17, 1986, 105(20), page 190						
RAI	15	Nishikawa, S., "Electric insulating oils," Jpn. Kokai Tokkyo Koho JP 61,156,605 [86,156,605] July 16, 1986, Appl. No. 84/279,046, December 27, 1984, Chemical Abstracts 105: 194323n, December 1, 1986, 105(22), page 195						
Rdi	16	Nishikawa, S., "Oil insulators for electric apparatus," Jpn. Kokai Tokkyo Koho JP 61,260,503 [86,260,503], November 18, 1986, Appl. No. 85/103,288, May 14, 1985, Chemical Abstracts 106: 112361g, April 6, 1987, 106(14), page 683						
2001	Nishikawa, S., "Oil containing alkyl methacrylate polymers for electric equipment," Jpn. Kokai Tokkyo Koho JP 63 24,501 [88 24,501], February 1, 1988, Appl. No. 86/168,570, July 16, 1986, Chemical Abstracts 109: 15803g, July 11, 1988, 109(2), page 631							
	/							
	7	0,0						
EXAMINER	A	L'Hamler,	DATE CON	SIDERED 9/19/04				

* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office because it is believed to be too voluminous and easily obtainable by the Examiner

© 2003 WW



Form PTO-1449 Modifie	ied	odi	Æο	M	19	4)- 1	O	Т	P	rm	\mathbf{F}
-----------------------	-----	-----	----	---	----	---	-------------	---	---	---	----	--------------

Docket No.
ABDT-0580

Application No. 10/663,089

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

Applicant

Thottathil V. Oommen, et al.

U.S. Department of Commerce Patent and Trademark Office

Filing Date
September 15, 2

Group

September 15, 2003

Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner		Document				
Initial		No.	Date	Name	Class	Subclass
_ P&	18	2,012,302	08/27/35	Clark, et al.	260	64
POR	19	2,369,090	02/06/45	Trautman	174	17
DA	20	3,894,959	07/15/75	Gardiner, et al.	252	69
- 7d)	21	4,082,866	04/04/78	Link	427	294
_ Eki	22	4,206,066	06/03/80	Rinehart	252	63.2
PA	23	4,536,331	08/20/85	Shedigan	252	579
RA	24	4,621,302	11/04/86	Sato, et al.	361	315
KA	25	4,627,192	12/09/86	Fick	47	58
lp	26	4,642,730	02/10/87	Sato, et al.	361	315
PK	27	4,743,402	05/10/88	Fick	260	412.2
- Th	28	4,806,276	02/21/89	Maier	252	570
74	29	4,812,262	03/14/89	Shinzawa, et al.	252	567
76	30	5,017,733	05/21/91	Sato, et al.	585	6.3
Pa'	31	5,250,750	10/05/93	Shubkin, et al.	174	17
X	32	5,260,077	11/09/93	Carrick, et al.	426	73
RA	33	5,336,423	08/09/94	Pialet, et al.	252	76
"Xah	34	5,336,847	08/09/94	Nakagami	174	17
EXAMINER	Q	A Hamler		DATE CONSIDEREI	9/19/04	<u> </u>



EXAMINER

For	rm P1	O-1449 Modifie	ed .	Docket No. ABDT-0580	Application No. 10/663,089		
	Cite	tent and Publication of by Applicant al sheets if necessar		Applicant Thottathil V. Oommen, et al.			
		rtment of Commerc d Trademark Office		Filing Date Group September 15, 2003 Not Yet Assigned			
•		U.	S. PATEN	T DOCUMENTS			
Examiner Initial		Document No.	Date	Name	Class	Subclass	
PA	35	5,413,725	05/09/95	Lal, et al.	508	280	
7H	36	5,429,761	07/04/95	Havelka, et al.	252	74	
Va	37	5,538,654	07/23/96	Lawate, et al.	508	308	
· 124	38	5,580,482	12/03/96	Chasan, et al.	508	243	
2	39	5,766,517	06/16/98	Goedde, et al.	252	570	
PH	40	4,108,789	08/22/78	Jay, et al.	252	64	
<i>[K</i>]	41	4,126,844	11/21/78	Hollister, et al.	336	198	
24	42	4,142,983	03/06/79	Jay et al.	252	64	
PH	43	4,307,364	12/22/81	Lanoue, et al.	336	60	
PA	44	4,623,953	11/18/86	Dakin	361	315	
		FORE	IGN PATE	ENT DOCUMENTS			
Examiner					Tr	anslation	
Initial		Document No.	Date	Country	YES	NO	
- TOAT	45	JP 52-25298	08/19/75	Japan			
B)	46	JP 52-25298	02/25/77	Japan			
RE	47	CA 2 204 273	11/98	Canada			
RA	48	JP 52-272298	08/19/75	Japan			
(7d)	49	WO 97/22572	12/23/96	PCT			

DATE CONSIDERED



Fo	rm P	ΓO-1449 Modifi	ed	Docket No. ABDT-0580	1	lication No. 63,089		
	Cite	atent and Publication ed by Applicant ral sheets if necessar		Applicant Thottathil V. Oommen, et al.				
		artment of Commercial Trademark Office		Filing Date September 15, 2003	Group Not Yet Assigned			
		U	. S. PATEN	T DOCUMENTS				
Examiner Initial		Document No.	Date	Name		Class	Subclass	
- patt	50	4,627,192	12/09/86	Fick		47	58	
·ZA	51	4,890,086	12/26/89	Hill		336	210	
74	52	4,972,168	11/20/90	Grimes, et al.		336	213	
· VA	53	4,993,141	02/19/91	Grimes, et al.		29	606	
Ph	54	5,025,949	06/25/91	Adkins, et al.		220	481	
PA	55	5,399,275	03/21/95	Lange, et al.		252	49.008	
Vai	56	5,863,872	01/26/99	Graimer		508	491	
(d)	57	5,949,017	09/07/99	Oommen, et al.		174	17	
- RH	58	5,958,851	09/99	Cannon, et al.		508	491	
RU	59	5,990,055	11/23/99	Gamier	**	508	491	
201	60	6,037,537	03/14/00	McShane, et al.		174	17	
Ph)	61	6,184,459 B1	02/06/01	McShane, et al.	····	174	17	
VXX.	62	5,736,915	04/07/98	Goedde, et al.		336	55	
DK1	63	6,352,655 B1	03/05/02	McShane, et al.		252	579	
12/	64	6,398,986 B1	06/04/02	McShane, et al.		252	579	
\		FORI	EIGN PATE	ENT DOCUMENTS			<u> </u>	
Examiner nitial		Dogument N.	D			Translation		
muai (Document No.	Date	Country	····	YES	NO	
	65	WO 97/49100	06/11/97	PCT				
EXAMINER	TV.	J&anh	>	DATE CONSIDER	RED Y	1119114	l	